In the Specification:

On page 1, after the title insert the following:

--RELATED APPLICATION

This is a U.S. National Phase Application under 35 USC 371 of International Application PCT/FR2003/003176, filed 24 October 2003.

This patent application claims priority of French patent application no. 02 13701 filed on 31 October 2002, the disclosure of which is hereby incorporated by reference.

FIELD OF THE INVENTION--

On page 1, before line 10, insert the following heading:

--BACKGROUND OF THE INVENTION--

On page 3, before line 9 insert the following heading and amend the paragraph following immediately thereafter as follows:

-- SUMMARY OF THE INVENTION--

~~Thus the technical problem addressed by~~ One object of the present invention is ~~that of proposing~~ to provide a system and a method for managing access from a plurality of communications networks to a mobile terminal connected to a mobile telecommunications network that remedies the drawbacks of existing systems by providing an incoming call request to a mobile terminal.

On page 3, between lines 15 and 16 insert the following:

--This and other objects are attained in accordance with one aspect of the present invention directed to a system for managing access from a plurality of communications networks to a mobile terminal connected to a mobile telecommunications network. The system is adapted to set up at least one connection from at least one of the communications networks to the mobile terminal after said mobile terminal has been identified in at least one address assignment server (or Radius) to which the communications network is going to establish the connection, after checking the existence of a user address of the mobile terminal, after verifying the accessibility to the mobile communications network, and after verifying the authorization for receiving incoming calls given by the user of the mobile terminal identified for accessing the communications network.--

Delete the paragraph beginning on page 3, line 16 in its entirety.

Amend the paragraph bridging pages 3-4 as follows:

According to an embodiment of the invention, the access management system allows a connection from a communications network to a particular mobile terminal to be set up via interfaces specific to that connection.

On page 4, amend the paragraph beginning at line 3 as follows:

According to an embodiment of the invention, said system comprises at least one user address search interface situated in said communications network and

adapted to assign a user address to said mobile terminal on the basis of data from a first command message received from at least one domain name server situated in said communications network.

On page 4, amend the paragraph beginning at line 17 as follows:

According to an embodiment of the invention, said system comprises at least one incoming call management interface situated in said communications network and adapted to assign at least one network address to said mobile terminal after processing of said user address on the basis of data from a second command message received from said user address search interface.

On page 4, amend the paragraph beginning at line 30 as follows:

According to an embodiment of the invention, said system comprises at least one access control interface situated in said communications network and adapted to verify said user address of said mobile terminal on the basis of data from a third command message received from said incoming call request management interface.

On page 5, amend the paragraph beginning at line 11 as follows:

According to an embodiment of the invention, said system comprises at least one access authorization interface situated in said mobile telecommunications network and adapted to verify said network address after processing of said user address of said mobile terminal on the basis of data from a fourth command message received from said access control interface.

Delete the paragraph bridging pages 5-6 in its entirety and replace it with:

-- Another aspect of the invention is directed to a method of managing access from a plurality of communications networks to a mobile terminal connected to a mobile telecommunications network. At least one identifier corresponding to a mobile terminal is stored in at least one application server of one of the communications networks. A first command message to request identification of the mobile terminal is sent from the application server to at least one domain name server of the communications network. The first command message is sent from the domain name server to at least one user address search interface of the communications network to assign at least one user address to the mobile terminal. A second command message for assigning a network address with the user address of the mobile terminal is sent from the user address search interface to at least one incoming call request management interface of the communications network. The existence of the received user address in the call request management interface connected to at least one network address assignment server, when the user address exists, is checked. The incoming call request management interface sends a message to advise the existence of the address to the user address search interface. A fourth command message to process the user address is sent from the access control interface to at least one access authorization interface situated in the mobile telecommunications network. The accessibility to the mobile telecommunications network is verified. Also verified is the authorization for receiving incoming calls given by the user of the mobile terminal in at least one home location register of the mobile telecommunications network connected to the access

authorization interface. The accessibility and the authorization of the user of the mobile terminal are sent from the access authorization interface situated in the telecommunications network to the access control interface situated in the communications network, for formatting the data. The accessibility and the authorization of the user of the mobile terminal are sent from the access control interface to the incoming call request management interface via the network address assignment server of the communications network for analysis. A connection is set up from the communications network to the mobile terminal to send at least one data item with the user address.--

On page 7, amend the paragraph beginning at line 1 as follows:

According to an embodiment of the invention, said access management method includes the steps of: sending a fourth command message to process said user address from said access control interface to at least one access authorization interface situated in said mobile telecommunications network, verifying said accessibility and said rights of said user of said mobile terminal in at least one home location register of said mobile telecommunications network connected to said access authorization interface, sending said accessibility and said rights of said user of said mobile terminal from said access authorization interface situated in said telecommunications network to said access control interface situated in said communications network, for formatting the data, and sending said accessibility and said rights of said user of said mobile terminal from said access control interface to said incoming call request management interface for analysis.

Amend the paragraph bridging pages 7-8 as follows:

According to an embodiment of the invention, in the event of non-accessibility or of absence of rights for said user of said mobile terminal, said incoming call request management interface sends a first failure message to said user address search interface, after which said user address search interface forwards said first failure message to said domain name server and to said application server for processing, so as not to set up the connection between said communications network and said mobile terminal.

On page 8, amend the paragraphs beginning at lines 14 and 21 as follows:

According to an embodiment of the invention, the access management method includes the following steps: sending said user address from said user address search interface to said domain name server and thence to said application server, and sending data with said user address from said application server to at least one access management equipment of said mobile telecommunications network.

According to an embodiment of the invention, in the event of recognition of said user address, said access management equipment sends said data to at least one server support equipment, and thence to said mobile terminal, after the connection is set up between said communications network and said mobile terminal.

Delete the paragraph bridging pages 8-9 in its entirety.

On page 9 before line 3 insert the following heading:

-- BRIEF DESCRIPTION OF THE DRAWINGS --

On page 9, amend the paragraphs beginning at lines 3 and 6 as follows:

Figure 1 is a diagram of the general architecture of a system in accordance with an embodiment of the invention for managing access from a plurality of communications networks to a mobile terminal.

Figure 2 represents the steps of a method in accordance with an embodiment of the invention of managing access from a communications network to a mobile terminal.

On page 9 before line 10 insert the following heading

-- DETAILED DESCRIPTION OF THE DRAWINGS--